

# Technical specifications

tessera® perspective

Tessera carpet tiles meet the requirements of EN 1307

	Description	Tufted cut and loop pile carpet tile
	Dimensions	EN 994 50cm x 50cm
	Total thickness	ISO 1765 6.1mm
	Pile height	ISO 1765 3.0mm
	Collection size	14 colourways, 4m <sup>2</sup> per box
	Commercial use	EN ISO 10874 Class 33, Suitable for any type of heavy contract application
	Pile composition	100% Refresh® by Universal Fibers®. Nylon 66 and Nylon 6 with 30% recycled content
	Dye method	100% solution dyed
	Stitch density	ISO 1763 181,440 per m <sup>2</sup>
	Pile weight	ISO 8543 670 g/m <sup>2</sup>
	Total weight	ISO 8543 4185 g/m <sup>2</sup>
	Primary backing	Polyester
	Secondary backing	ProBac™ modified bitumen and polyester fleece. Contains over 76% recycled content
	Alternative available secondary backing	SOFTbac®
	Acoustical impact noise reduction	EN ISO 717-2 25 dB
	Acoustical sound absorption reduction	ISO 354 α <sub>w</sub> = 0.15 (H)
	Castor chair continuous use	ISO 4918 r ≥ 2.4 continuous use
	Colour fastness to light	ISO 105-B02 ≥ 6
	Dimensional stability	EN 986 ≤ 0.2%
	Creating Better Environments	
	Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)
	Recycled Content	Perspective carpet tiles contain 65% recycled content by weight
	Indoor air quality	Perspective carpet tiles products comply to 01350 Indoor Air Quality Standard
	Back to the Floor	Installation off cuts can be collected via Back to the Floor
	Ska rating	Perspective meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
	Installation method	Monolithic

Perspective carpet tiles meet the requirements of EN 14041

	Product code	EN 14041:2004 1170100-DoP-101
	Reaction to fire	EN 13501-1 B <sub>fl</sub> -s1, G, NCS
	Slip resistance	EN 13893 μ ≥ 0.30
	Body voltage	ISO 6356 ≤ 2.0 kV
	Thermal conductivity	ISO 12524 0.06 W/mK

**Recommended adhesives:** For the latest installation instructions and recommended adhesives please visit [www.forbo-flooring.co.uk/installation](http://www.forbo-flooring.co.uk/installation)

All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.

Tessera is manufactured in a facility certified to SA8000 and ISO 45001.



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